

Commonwealth of Kentucky
Division for Air Quality
EXECUTIVE SUMMARY

FINAL

Conditional Major, Construction / Operating

Permit: F-07-023

Solvent Distillation, Inc.

Louisville, KY 40214

September 14, 2007

Maher Sharif, Smith Management Group, Preparer

Ralph E. Gosney, Reviewer

SOURCE ID: 21-157-09161

SOURCE A.I. #: 80714

ACTIVITY ID: APE20060001

SOURCE DESCRIPTION:

On June 30, 2006, the source has applied to the Division for the construction/operation of a portable solvent distillation unit in Kentucky.

The source operates a portable solvent distillation unit. According to the operator, the unit is capable of operating statewide and with any type of solvent available for recovery through distillation. Potential volatile organic compounds (VOC) emissions are slightly less than major source threshold, but the source-wide potential to emit (PTE) for single and combined hazardous air pollutants (HAP) is greater than major source threshold. Actual emissions are anticipated to be lower than the source-wide PTE, therefore the source has requested a conditional major limitation on HAP emissions.

PUBLIC AND U.S. EPA REVIEW:

On July 11, 2007, the public notice on availability of the draft permit and supporting material for comments by persons affected by the plant was published in *Marshall County Tribune - Courier* in Marshall County, Kentucky. In addition, notification of the issuance of the draft permit was sent to the U.S. EPA on July 3, 2007 via e-mail. The public comment period expired 30 days from the date of publication. No comments were received during this period. The permit is now being issued final.